

1st day SIC 17

Location Honolulu (Pearl Harbour) → 20-30 N ; 158-42 W
 Observer Crossin et. al. Date 9 January 1967 Time ^{H.H.} 1200 to ^{SS} 1811
 Weather mostly clear, sea rough Miles 67.5 Hours 6-11 (4.2)
swells up to 10 ft.

SPECIES	NUMBERS	REMARKS
Laysan Albatross		
Black-footed Albatross	4	(highest hourly count)
Wedge-tailed Shearwater		
Sooty Shearwater		
Slender-billed Shearwater		
Christmas Island Shearwater		
Newell's Shearwater		<u>FLOCKS</u>
Juan Fernandez Petrel		1803
White-necked Petrel		1759 6 CN FF
Kermadec Petrel		1803 30 ST FF
Phoenix Island Petrel		
Mottled Petrel		36
Bonin Island Petrel		
Black-winged Petrel		
Bulwer's Petrel		
Leach's Storm Petrel		
Red-tailed Tropicbird		
White-tailed Tropicbird		
Blue-faced Booby	1	ad.
Brown Booby	1	parasitized by Pomarine Jaeger.
Red-footed Booby	2	both ad - light phase.
Great Frigatebird		
Lesser Frigatebird		
Golden Plover		
Ruddy Turnstone		
Sooty Tern	30	Feeding flock.
Gray-backed Tern		
Common Noddy Tern	6	Feeding flock over fish.
Fairy Tern		
Pomarine Jaeger	36	Albatross = 4
		Shear/Pet = 1
Shear - Pet	1	Tern = 36
		Booby = 4
		Jaeger = 36
		Total Birds 81
		Total Sightings
		Total Flocks 2 (36)
		Total Species 8

Location

Observer *Crossin et al.*

Date *10 January 1967* Time ^{SR}*0616* to ^{SS}*1728*

Weather *Clear, sea rough.*

Miles

Hours *11-12 (11.2)*

SPECIES	NUMBERS	REMARKS
Laysan Albatross		
Black-footed Albatross	<i>1</i>	
Wedge-tailed Shearwater	<i>1</i>	<i>light phase.</i>
Sooty Shearwater		
Slender-billed Shearwater		
Christmas Island Shearwater		
Newell's Shearwater		<u><i>FLOCKS</i></u>
Juan Fernandez Petrel		<i>0715 14 ST 13 } TF</i>
White-necked Petrel		<i>RFB 1 }</i>
Kermadec Petrel		<i>1035 11 ST SF</i>
Phoenix Island Petrel		
Mottled Petrel		<i>1040 32 ST TF</i>
Bonin Island Petrel		
Black-winged Petrel		<i>1335 26 ST 24 }</i>
Bulwer's Petrel		<i>RFB 1 } FF</i>
<i>WR Leach's</i> Storm Petrel	<i>1</i>	<i>RTTB 1 }</i>
Red-tailed Tropicbird		
White-tailed Tropicbird	<i>9</i>	<i>1406 16 ST 15 } FF</i>
Blue-faced Booby		<i>S/P 1 }</i>
Brown Booby		
Red-footed Booby	<i>8</i>	<i>1500 32 ST 30 } FF</i>
Great Frigatebird		<i>FT 2 }</i>
Lesser Frigatebird		
Golden Plover		
Ruddy Turnstone		
Sooty Tern	<i>132</i>	<i>Albatross = 1</i>
Gray-backed Tern		<i>Shear-Pet = 4</i>
Common Noddy Tern		<i>Tern = 134</i>
Fairy Tern	<i>2</i>	<i>Tropicbird = 9</i>
Pomarine Jaeger		<i>Booby = 8</i>
<i>Shear / Pet</i>	<i>3</i>	<i>Storm-Pet = 1</i>
<i>Bird sp.</i>	<i>1</i>	<i>Misc. = 1</i>
		<i>1 Minke whale (Balaenoptera</i>
		<i>acutorostrata)</i>
		<i>18-20'</i>
		Total Birds <i>158</i>
		Total Sightings
		Total Flocks <i>6 (131)</i>
		Total Species <i>7</i>

Location

Observer Crossin et. al.

Date 11 January 1967 Time ^{SR} 0637 to ^{SS} 1743

Weather waves still ca. 6 ft.
whitecaps wind ca. 20 knots.

Miles

Hours 11-06 (11.1)

SPECIES	NUMBERS	REMARKS
Laysan Albatross		
Black-footed Albatross	2	
Wedge-tailed Shearwater		
Sooty Shearwater		
Slender-billed Shearwater		Flocks
Christmas Island Shearwater		
Newell's Shearwater		0910 28 ST 25
Juan Fernandez Petrel		FT 2 FF
White-necked Petrel		Sm. Pter 1
Kermadec Petrel		
Phoenix Island Petrel		
Mottled Petrel		1643 14 ST SF
Bonin Island Petrel		
Black-winged Petrel		
Bulwer's Petrel		
Leach's Storm Petrel		
Red-tailed Tropicbird	1	
White-tailed Tropicbird	2	
Blue-faced Booby	1	
Brown Booby	1	
Red-footed Booby	6	
Great Frigatebird	1	
Lesser Frigatebird sp.	3	
Golden Plover		
Ruddy Turnstone		
Sooty Tern	40	
Gray-backed Tern		
Common Noddy Tern		
Fairy Tern	2	
Pomarine Jaeger		
Booby sp.	4	shear pet = 4
Large Pterodroma	1	Tern = 42
Small Pterodroma	1	Tropicbird = 3
Bird sp.	2	Booby = 12
		Frigate = 4
		Misc = 2
		Total Birds 67
		Total Sightings
		Total Flocks 2 (42)
		Total Species 11

Location

Observer Crossin et. al.

Date 12 January 1967 Time 06^{5R}28 to 17^{5S}59

Weather few squalls, sea with few whitecaps, wind ca. 10-15 k.

Miles

Hours 11-31 (11.5)

SPECIES	NUMBERS	REMARKS
Laysan Albatross		
Black-footed Albatross		
Wedge-tailed Shearwater		
Sooty Shearwater		
Slender-billed Shearwater		<u>FLOCKS</u> 0900 64 ST 60 TF
Christmas Island Shearwater		Bsp. 4
Newell's Shearwater		
Juan Fernandez Petrel	1	1125 25 ST FF
White-necked Petrel		
Kermadec Petrel		1131 80 ST TF
Phoenix Island Petrel		
Mottled Petrel		
Bonin Island Petrel		
Black-winged Petrel	1	
Bulwer's Petrel		
WR Leach's Storm Petrel	1	
Red-tailed Tropicbird	3	
White-tailed Tropicbird	4	
Blue-faced Booby	6	
Brown Booby		
Red-footed Booby	19	
Great Frigatebird		
Lesser Frigatebird		
Golden Plover		
Ruddy Turnstone		
Sooty Tern	167	Storm Pet = 1
Gray-backed Tern		Shear Pet = 7
Common Noddy Tern		Tern = 167
Fairy Tern		Booby = 29
Pomarine Jaeger		Tropicbird = 7
Shearwater - Petrel	3	
Small Pterodroma	2	
Booby sp.	4	
		Total Birds 211
		Total Sightings
		Total Flocks 3 (169)
		Total Species 8

Location

Observer *Crossin et. al.*

Date *13 January 1967* Time *06*

to ~~1818~~ ⁵⁵

Weather *sea with cu 5 ft swells*
clear.

Miles

Hours

SPECIES	NUMBERS	REMARKS
Laysan Albatross		
Black-footed Albatross		
Wedge-tailed Shearwater		
<i>Audubon's</i> Sooty Shearwater	1	
Slender-billed Shearwater		
Christmas Island Shearwater		
Newell's Shearwater		
Juan Fernandez Petrel	11	2 collected
White-necked Petrel	1	
Kermadec Petrel		
Phoenix Island Petrel		
Mottled Petrel		
Bonin Island Petrel		
<i>white</i> Black-winged Petrel	1	collected
Bulwer's Petrel		
Leach's Storm Petrel	1	collected
Red-tailed Tropicbird	1	
White-tailed Tropicbird	1	
Blue-faced Booby	2	
Brown Booby		
Red-footed Booby	2	
Great Frigatebird		
Lesser Frigatebird		
Golden Plover		
Ruddy Turnstone		
Sooty Tern	4	2 Imm coll.
Gray-backed Tern		
Common Noddy Tern		
Fairy Tern		Storm Pet = 2
Pomarine Jaeger		Shear-Pet = 19
Skua	1	tern = 4
Shear Pet	1	Tropicbird = 2
Large Pterodroma	2	Booby = 4
Pterodroma sp.	2	Skua = 1
white-rumped SP	1	Misc = 1
bird	1	
		Total Birds 33
		Total Sightings
		Total Flocks 0
		Total Species 10

Passing through current convergent zone
= Rich Feeding Grounds.

Location

Observer Crossin et. al.

Date 14 January 1967 Time 0645 to 18

Weather mostly squalls, sea still
with white caps.

Miles

Hours

SPECIES	NUMBERS	REMARKS
Laysan Albatross		
Black-footed Albatross		Flocks
Wedge-tailed Shearwater	341	0645 13 WT SF
Sooty Shearwater	5	1023 15 WT SF
Audubon's Slender-billed Shearwater		1325 45 ST TF
Christmas Island Shearwater		1348 47 WT SF
Newell's Shearwater		1414 8 WT 7 TF
Juan Fernandez Petrel	10	AS 1
White-necked Petrel		1440 6 WT TF
Kermadec Petrel		1443 18 WT SF
Phoenix Island Petrel / Tahiti	5	1446 9 WT SF
Mottled Petrel		1447 5 WT SF
Bonin Island Petrel	1	1525 17 WT TF
White-winged Black-winged Petrel	2	1528 21 WT TF
Bulwer's Petrel	1	1553 132 WT 90
WR Leach's Storm Petrel	2	ST 35
Red-tailed Tropicbird	4	PJ 1 FF
White-tailed Tropicbird	1	2 Ptero 5
Blue-faced Booby		Sm. Ptero 1
Brown Booby		1613 63 ST 23
Red-footed Booby	6	WT 27
Great Frigatebird		P. ex 4 FF
Lesser Frigatebird		Sm Ptero 6
Golden Plover		AS 1
Ruddy Turnstone		TP 1
Sooty Tern	104	RFB 1
Gray-backed Tern		1630 8 WT TF
Common Noddy Tern		
Fairy Tern		
Pomarine Jaeger	1	Storm Pet = 2
Small Pterodroma	11	Shear Pet = 384
Large Pterodroma	5	Tern = 104
Shear Pet	3	Tropicbird = 5
Bird sp.	1	Booby = 6
		Jaeger = 1
		Misc = 1
		Total Birds 503
		Total Sightings
		Total Flocks 14 (407)
		Total Species 12

Nocturnal

Location

Observer Crossin et. al.

Date 14-15 Jan 1967 Time 18⁰⁰ to 05⁵⁰45

Weather mostly clear.

Miles

Hours

SPECIES	NUMBERS	REMARKS
Laysan Albatross		
Black-footed Albatross		
Wedge-tailed Shearwater	10	1 Lt. phase, rest dark, 3 JP collected.
Sooty Shearwater		
Slender-billed Shearwater		
Christmas Island Shearwater		
Newell's Shearwater	1	
Juan Fernandez Petrel		
White-necked Petrel		
Kermadec Petrel		
Phoenix Island Petrel		
Mottled Petrel		
Bonin Island Petrel		
Black-winged Petrel	1	
Bulwer's Petrel		
Leach's Storm Petrel	7	
Red-tailed Tropicbird		
White-tailed Tropicbird		
Blue-faced Booby		
Brown Booby		
Red-footed Booby		
Great Frigatebird		
Lesser Frigatebird		
Golden Plover		
Ruddy Turnstone		
Sooty Tern	39	4 Imm., rest all, ad. heard + seen.
Gray-backed Tern		
Common Noddy Tern		
Fairy Tern		
Pomarine Jaeger		
Shear pet	4	
Pterodroma sp.	7	
Bird p	9	
		Total Birds 78
		Total Sightings
		Total Flocks
		Total Species

Location _____
Observer Crossin et al.
Weather sea rough.

Date 15 January 64 Time ^{SR} 0545 to ^{SS} 175

Miles Hours

Weather Seas rough.

SI-MNH-11-1-66

Nocturnal Grid.

Location	03-04N; 174-43W — 01-41N; 176-16W		
Observer	Crossin et. al.	Date	15-16 Jan 67
Weather	Windy.	Time	1845 to 0552 ^{SR}
		Miles	115
		Hours	11-07 (11.1)

SPECIES	NUMBERS	REMARKS
Laysan Albatross		
Black-footed Albatross		
Wedge-tailed Shearwater		
Sooty Shearwater		
Slender-billed Shearwater		
Christmas Island Shearwater		
Newell's Shearwater		
Juan Fernandez Petrel		
White-necked Petrel		
Kermadec Petrel		
Phoenix Island Petrel		
Mottled Petrel		
Bonin Island Petrel		
Black-winged Petrel		
Bulwer's Petrel		
WR Leach's Storm Petrel	8	1 Leach's - collected.
Red-tailed Tropicbird		
White-tailed Tropicbird		
Blue-faced Booby		
Brown Booby		
Red-footed Booby		
Great Frigatebird		
Lesser Frigatebird		
Golden Plover		
Ruddy Turnstone		
Sooty Tern	32	1 sub ad nest ad's.
Gray-backed Tern		
Common Noddy Tern		
Fairy Tern		
Pomarine Jaeger		
shear Pet	1	
Bird	2	
		Total Birds 43
		Total Sightings
		Total Flocks
		Total Species 3

1st day in Grid.

Location 01-41N; 176-16W → Howland E 00-49N; 176-26W

Observer Crossin et al.

Date 16 Jan. 67 Time 0552³⁰ to 1758⁵⁵

Weather Sea rough, clear.

Miles 73

$$\text{Hours} = 8 - 11 = 8.2$$

— 3 hrs 55 min at How.
1245 - 1640

SPECIES	NUMBERS	REMARKS
Laysan Albatross		
Black-footed Albatross		
Wedge-tailed Shearwater	1	coll. dx. phase
Sooty Shearwater	1	
Slender-billed Shearwater		
Christmas Island Shearwater		
Newell's Shearwater		
Juan Fernandez Petrel		
White-necked Petrel		
Kermadec Petrel		
Phoenix Island Petrel		
Mottled Petrel		
Bonin Island Petrel		
Black-winged Petrel		
Bulwer's Petrel		
Leach's Storm Petrel	5	
Red-tailed Tropicbird		
White-tailed Tropicbird		1 Imm blue band.
Blue-faced Booby	54	4 Imm blue Paint, 3 Imm BS, 1 SA BS
Brown Booby		
Red-footed Booby	2	
Great Frigatebird	2	
Lesser Frigatebird	3	
Golden Plover		
Ruddy Turnstone		
Sooty Tern	1016	
Gray-backed Tern		
Common Noddy Tern		
Fairy Tern		Storm Pet = 5
Pomarine Jaeger		shear Pet = 3
Shear Pet	1	Tern = 1016
Frigate sp.	35	Booby = 56
		Frigate = 40
		Total Birds 1120
		Total Sightings
		Total Flocks 40 (950)
		Total Species 8

FLOCKS

0630 5 ST TF
 0641 6 ST TF

 0655 8 ST TF
 0712 9 ST TF
 0712 112 ST 100
 Fg 9 Feeding
 BFB 3

0940 8 ST SF
 1035 10 ST SF
 1050 6 ST TF
 1052 60 ST TF
 1054 27 ST 20
 Fg 4 Feeding
 BFB 2
 RFB 1

1056 25 ST SF
 1100 30 ST SF
 1105 20 ST SF
 1112 60 ST TF
 1115 15 ST TF
 1118 43 ST 40
 BFB 2 Feeding
 Fp 1

1142 8 ST TF

1159 37 ST TF
 1205 5 ST TF
 1212 26 ST TF
 1213 28 ST TF
 1214 5 Fg TF
 1215 43 ST TF
 1216 27 ST TF
 1220 35 ST TF
 1221 14 ST TF
 1223 50 ST TF
 1225 12 ST TF
 1227 5 ST TF
 1228 8 ST TF
 1229 8 ST TF
 1230 11 ST TF
 1231 5 ST TF

1235 31 ST TF
 1238 57 ST TF

 1655 8 ST TF

 1700 33 ST 30
 Fg 3 Feeding

 1702 12 ST TF

 1709 29 ST 26 TF
 Fg 3

 1715 8 BFB TF

Nocturna

Location 00-49 N; 176-26W ——— 00-41 N; 175-31W
Observer Crossin et al. Date 16-17 Jan 67 Time 1758^{SS} to 0548^{SP}
Weather Windy Miles 75 Hours 11-50 (11.8)

SPECIES	NUMBERS	REMARKS
Laysan Albatross		
Black-footed Albatross		
Wedge-tailed Shearwater		
Sooty Shearwater		
Slender-billed Shearwater		
Christmas Island Shearwater		
Newell's Shearwater		
Juan Fernandez Petrel		
White-necked Petrel		
Kermadec Petrel		
Phoenix Island Petrel		
Mottled Petrel		
Bonin Island Petrel		
Black-winged Petrel		
Bulwer's Petrel		
WR Leach's Storm Petrel	4	
Red-tailed Tropicbird		
White-tailed Tropicbird		
Blue-faced Booby		
Brown Booby		
Red-footed Booby		
Great Frigatebird		
Lesser Frigatebird		
Golden Plover		
Ruddy Turnstone		
Sooty Tern	12	1 Imm, rest ad's.
Gray-backed Tern		
Common Noddy Tern		
Fairy Tern		
Pomarine Jaeger		Storm Pet 4 Tern 12
		Total Birds 16
		Total Sightings
		Total Flocks 0
		Total Species 2

Location 00-41N; 175-31W → Howland. 1532

Date 17 Jan. 67 Time ^{SR} 0548 to ^{SS} 1759

Miles 110 Hours ~~12-11 (12.2)~~

9-44 (9.7)

3BS, 2BB
3BP

Nocturnal

Location 00-51N; 176-46W — 01-11N; 178-17W
 Observer Crossin et. al. Date 17-18 Jan 67 Time 1759 to 0600
 Weather rain squalls most of night Miles 102 Hours 12-1 (12.0)

SPECIES	NUMBERS	REMARKS
Laysan Albatross		
Black-footed Albatross		
Wedge-tailed Shearwater		
<i>Audubon's</i> Sooty Shearwater	4	
Slender-billed Shearwater		
Christmas Island Shearwater		
Newell's Shearwater		
Juan Fernandez Petrel		
White-necked Petrel		
Kermadec Petrel		
Phoenix Island Petrel		
Mottled Petrel		
Bonin Island Petrel		
Black-winged Petrel		
Bulwer's Petrel		
<i>WR</i> Leach's Storm Petrel	1	
Red-tailed Tropicbird		
White-tailed Tropicbird		
Blue-faced Booby	1	
Brown Booby		
Red-footed Booby		
Great Frigatebird		
Lesser Frigatebird		
Golden Plover		
Ruddy Turnstone		
Sooty Tern	219	2 imm, rest adults.
Gray-backed Tern		
Common Noddy Tern		
Fairy Tern		
Pomarine Jaeger		
<i>Bird sp.</i>	2	storm Pet = 1
		shear Pet = 4
		Tern = 219
		Booby = 1
		Misc = 2
		Total Birds 227
		Total Sightings
		Total Flocks —
		Total Species 4

Location 01-11 N; 178-17 W — 00-47 N; 176-42 W
Observer Crossin et. al. Date 18 Jan. 1967 Time 0600^{SR} to 1800^{SS}
Weather mostly clear wind 20-25 K. Miles 108 Hours 12.0

SPECIES	NUMBERS	REMARKS
Laysan Albatross		
Black-footed Albatross		
Wedge-tailed Shearwater	4	all light phase
Sooty Shearwater		
Slender-billed Shearwater		
Christmas Island Shearwater		
Newell's Shearwater		
Juan Fernandez Petrel		
White-necked Petrel		
Kermadec Petrel		
Phoenix Island Petrel		
Mottled Petrel		
Bonin Island Petrel		
Black-winged Petrel		
Bulwer's Petrel		
WR Leach's Storm Petrel	7	
Red-tailed Tropicbird	1	
White-tailed Tropicbird		
Blue-faced Booby	26	
Brown Booby		
Red-footed Booby		
Great Frigatebird	1	
Lesser Frigatebird	2	
Golden Plover		
Ruddy Turnstone		
Sooty Tern	1666	1 Blue streamer 4 ad's set.
Gray-backed Tern		
Common Noddy Tern		storm Pet = 7
Fairy Tern		shear Pet = 5
Pomarine Jaeger		Tern = 1666
Small Pterodroma	1	Tropicbird = 1
Frigate p.	21	Booby = 26
Skua	1	Frigate = 24
		Skua = 1
		Total Birds 1730
		Total Sightings
		Total Flocks 60 (1635)
		Total Species 9

Flocks

0710	14	ST 11 Sm. Pharo 1 } Feeding Fg 2 }	1550	63	ST 60 Fg 2 SF BFB 1
0712	26	ST 20 } Feeding Fg 6 }	1555	309	ST 300 Fg 3 Feeding BFB 6
0854	12	ST TF			
0855	6	ST TF			
0919	7	ST Feeding	1605	28	ST TF
0922	22	ST SF	1614	18	ST TF
0931	7	ST SF	1615	11	ST TF
0940	11	ST SF	1616	9	ST TF
0942	7	ST TF	1617	10	ST TF
0945	76	ST 74 Fg 2 SF	1618	8	ST TF
0956	13	ST SF	1619	40	ST TF
1023	7	ST SF	1628	30	ST TF
1028	65	ST TF	1629	5	ST TF
1129	10	ST TF	1652	6	ST TF
1135	30	ST 29 TF Fg. 1	1656	11	ST TF
1138	14	ST TF	1657	12	ST TF
1145	53	ST TF	1700	10	ST TF
1147	9	ST TF	1705	5	ST TF
1151	35	ST SF	1707	12	ST 10 TF Fg 2
1153	56	ST TF	1710	8	ST TF
1157	7	ST TF	1711	15	ST TF
1200	57	ST TF	1715	5	BFB TF
1208	34	ST TF	1725	10	ST TF
1214	43	ST TF	1745	15	ST TF
1226	21	ST TF	1750	18	ST TF
1305	29	ST TF	1755	17 7	ST TF
1310	42	ST TF	1800	20	ST TF
1315	57	ST TF			
1325	64	ST TF			
1347	6	ST TF			
1431	23	ST TF			
1447	31	ST 30 Feeding Fg. 1			
1448	17	ST TF			
1454	15	ST 14 TF BFB 1			
1525	24	ST TF			

Nocturnal

Location	00-47 N; 176-42W → Howland ^{W-SW} → 00-10 N; 178-24W		
Observer	Crossin et. al.	Date	18-19 Jan 67
		Time	1800 ^{SS} to 0559 ^{SR}
Weather	strong winds - sea rough.	Miles	118
		Hours	- 2 hrs at Howland = 9-59 = (10.0)

SPECIES	NUMBERS	REMARKS
Laysan Albatross		
Black-footed Albatross		
Wedge-tailed Shearwater		
Sooty Shearwater		
Slender-billed Shearwater		
Christmas Island Shearwater		
Newell's Shearwater		
Juan Fernandez Petrel		
White-necked Petrel		
Kermadec Petrel		
Phoenix Island Petrel		
Mottled Petrel		
Bonin Island Petrel		
Black-winged Petrel		
Bulwer's Petrel		
R Leach's Storm Petrel	1	
Red-tailed Tropicbird		
White-tailed Tropicbird		
Blue-faced Booby		
Brown Booby		
Red-footed Booby	2	
Great Frigatebird		
Lesser Frigatebird		
Golden Plover		
Ruddy Turnstone		
Sooty Tern	912	1 Imm, rest ad. mostly all going E back to Howland.
Gray-backed Tern		
Common Noddy Tern		
Fairy Tern		
Pomarine Jaeger		
		storm Pet = 1
		Tern = 912
		Booby = 2
		Total Birds 915
		Total Sightings
		Total Flocks
		Total Species 3

Nocturnal

Location	00-065; 179-02 W — 00-02 N; 177-42 W
Observer	Crossin et al. Date 19-20 Jan 67 Time 1808 ⁵⁵ to 0557 ⁵⁰
Weather	sea rough - Miles 84 Hours 11-49 (11.8)

SPECIES	NUMBERS	REMARKS
Laysan Albatross		
Black-footed Albatross		
Wedge-tailed Shearwater		
Sooty Shearwater		
Slender-billed Shearwater		
Christmas Island Shearwater		
Newell's Shearwater		
Juan Fernandez Petrel		
White-necked Petrel		
Kermadec. Petrel		
Phoenix Island Petrel		
Mottled Petrel		
Bonin Island Petrel		
Black-winged Petrel		
Bulwer's Petrel		
Leach's Storm Petrel	1	
Red-tailed Tropicbird		
White-tailed Tropicbird		
Blue-faced Booby		
Brown Booby		
Red-footed Booby		
Great Frigatebird		
Lesser Frigatebird		
Golden Plover		
Ruddy Turnstone		
Sooty Tern	18	
Gray-backed Tern		
Common Noddy Tern		
Fairy Tern		
Pomarine Jaeger		
Bird sp.	1	
		Total Birds 20
		Total Sightings —
		Total Flocks —
		Total Species 2

Location 00-02N; 177-42W — 00-47N; 176-40W
Observer Crossin et al. Date 20 Jan 67 Time 0557^{S.R.} to 1700^{H.I.}
Weather wind ca. 25 knots. Miles 75 Hours 11-3 (11.18)

SPECIES	NUMBERS	REMARKS
Laysan Albatross		
Black-footed Albatross		
Wedge-tailed Shearwater	2	1H, 1dk ph.
Sooty Shearwater		
Slender-billed Shearwater		<u>Flocks</u>
Christmas Island Shearwater		0618 17 ST TF
Newell's Shearwater		0655 7 ST TF
Juan Fernandez Petrel		0702 8 ST TF
White-necked Petrel		0703 29 ST TF
Kermadec Petrel		0716 9 ST TF
Phoenix Island Petrel		0728 5 ST TF
Mottled Petrel		0750 9 ST TF
Bonin Island Petrel		0800 50 ST TF
Black-winged Petrel		0850 5 ST TF
Bulwer's Petrel		0932 25 ST TF
WR Leach's Storm Petrel	2	1335 47 ST 45 Feeding Fg 2
Red-tailed Tropicbird	1	1405 13 ST TF
White-tailed Tropicbird		1623 6 ST TF
IBS Blue-faced Booby	16	1645 10 ST TF
Brown Booby		
Red-footed Booby	1	
Great Frigatebird	1	
Lesser Frigatebird sp.	6	
Golden Plover		
Ruddy Turnstone		
Sooty Tern	328	
Gray-backed Tern		
Common Noddy Tern		
Fairy Tern		
Pomarine Jaeger		
		Storm Pet = 2
		Shear Pet = 2
		Tern = 328
		Tropicbird = 1
		Booby = 17
		Frigate = 7
		Total Birds 357
		Total Sightings
		Total Flocks 14 (240)
		Total Species 7

Nocturnal

0000 \rightarrow SR drifting
ca. 10 mi W Baker.

Location 00-46 N; 176-40 W — 00-21 N; 176-31 W

Observer Crossin et al.

Date 20-21 Jan 67

Time 1915

to 0555-⁵²

Weather bright moon, wind ca. 20 k.

Miles 39

Hours $10 - 40 = 10.7$

SPECIES	NUMBERS	REMARKS
Laysan Albatross		
Black-footed Albatross		
Wedge-tailed Shearwater		
Sooty Shearwater		
Slender-billed Shearwater		
Christmas Island Shearwater		
Newell's Shearwater		
Juan Fernandez Petrel		
White-necked Petrel		
Kermadec Petrel		
Phoenix Island Petrel		
Mottled Petrel		
Bonin Island Petrel		
Black-winged Petrel		
Bulwer's Petrel		
Leach's Storm Petrel	1	
Red-tailed Tropicbird		
White-tailed Tropicbird		
Blue-faced Booby		
Brown Booby		
Red-footed Booby		
Great Frigatebird		
Lesser Frigatebird		
Golden Plover	1	
Ruddy Turnstone		
Sooty Tern	73	
Gray-backed Tern		
Common Noddy Tern		
Fairy Tern		
Pomarine Jaeger		
		storm Pet = 1
		shore bird = 1
		Tern = 73
		Total Birds 75
		Total Sightings —
		Total Flocks —
		Total Species 3

S-SW Baker

Location 00-21 N; 176-31 W → Baker SW → 00-53 S; 177-27 W

Observer Crossin et al. Date 21 Jan 67 Time 0535^{SE} to 1806^{SS}

Weather wind ca. 25 knots, sea rough. Miles 96 Hours 10-33 = 10.6

— 1-38 min at Baker
0832-1010

SPECIES	NUMBERS	REMARKS
Laysan Albatross		Flocks
Black-footed Albatross		0732 12 ST TF
Wedge-tailed Shearwater		0735 6 ST TF
Sooty Shearwater		0745 22 ST TF
Slender-billed Shearwater		0746 16 ST 15
Christmas Island Shearwater		Fg 1 Feeding
Newell's Shearwater		0800 35 ST SF
Juan Fernandez Petrel	1	0825 38 ST 32 Feeding
White-necked Petrel		Fg 6
Kermadec Petrel		0852 8 LF TF
Phoenix Island Petrel / Tahiti	1	1046 42 ST 40 Feeding
Mottled Petrel		Fg 2
Bonin Island Petrel		1340 6 ST TF
Black-winged Petrel		1552 6 ST Feeding
Bulwer's Petrel		1755 41 ST 40 TF
WR Leach's Storm Petrel	2	Fg 1
Red-tailed Tropicbird	1	
White-tailed Tropicbird		
Blue-faced Booby	16	
Brown Booby	3	
Red-footed Booby	1	
Great Frigatebird fo.	12	
Lesser Frigatebird	9	
Golden Plover		
Ruddy Turnstone		
Sooty Tern	246	
Gray-backed Tern		
Common Noddy Tern		
Fairy Tern		
Pomarine Jaeger		
Shear Pet	1	albatross like Storm Pet = 2
Booby fo.	1	Shear Pet = 3
		Tern = 246
		Tropicbird = 1
		Booby = 21
		Frigate = 21
		Total Birds 294
		Total Sightings —
		Total Flocks 11 (232)
		Total Species 9

Nocturnal

Location	00-53 S; 177-27 W — 00-09 S; 176-45 W		
Observer	Crossin et. al.	Date	21-22 Jan 67 Time 1806 ⁵⁵ to 0554 ⁵⁸
Weather	Seas rough, moonlight most of night.	Miles	83 Hours 11-48 = 11.8

SPECIES	NUMBERS	REMARKS
Laysan Albatross		
Black-footed Albatross		
Wedge-tailed Shearwater		
Sooty Shearwater		
Slender-billed Shearwater		
Christmas Island Shearwater		
Newell's Shearwater		
Juan Fernandez Petrel		
White-necked Petrel		
Kermadec Petrel		
Phoenix Island Petrel		
Mottled Petrel		
Bonin Island Petrel		
Black-winged Petrel		
Bulwer's Petrel		
Leach's Storm Petrel		
Red-tailed Tropicbird 80	1	
White-tailed Tropicbird		
Blue-faced Booby		
Brown Booby		
Red-footed Booby		
Great Frigatebird		
Lesser Frigatebird		
Golden Plover		
Ruddy Turnstone		
Sooty Tern	36 457	all adults.
Gray-backed Tern		
Common Noddy Tern		
Fairy Tern		
Pomarine Jaeger		
		Total Birds 37
		Total Sightings
		Total Flocks —
		Total Species 2

Nocturnal

Location 00-40S; 176-06W — 01-51S; 175-25W
Observer Crossin et al. Date 22-23 Jan 67 Time 1800^{SS} to 0546
Weather sea rough wind to 30 K. Miles 35 + 50 = 85 Hours 11-46 = 11.8

SPECIES	NUMBERS	REMARKS
Laysan Albatross		
Black-footed Albatross		
Wedge-tailed Shearwater		
Sooty Shearwater		
Slender-billed Shearwater		
Christmas Island Shearwater		
Newell's Shearwater		
Juan Fernandez Petrel		
White-necked Petrel		
Kermadec Petrel		
Phoenix Island Petrel		
Mottled Petrel		
Bonin Island Petrel		
Black-winged Petrel		
Bulwer's Petrel		
Leach's Storm Petrel		
Red-tailed Tropicbird		
White-tailed Tropicbird		
Blue-faced Booby		
Brown Booby		
Red-footed Booby		
Great Frigatebird		
Lesser Frigatebird		
Golden Plover		
Ruddy Turnstone		
Sooty Tern	34	all adults.
Gray-backed Tern		
Common Noddy Tern		
Fairy Tern		
Pomarine Jaeger		
shear pet	1	
		Total Birds 35
		Total Sightings —
		Total Flocks —
		Total Species 2

last day
2 birds
2 ST
1 KTB

→ 0100

From Leave Grid 0700 10 miles.
Non Grid 175-19W-0200s - Grid + Non-Grid
To 03-30-13 (W)

Location (Grid) 01-51 S; 175-25 W ————— 175-19 W, 02-00 S Leave bird

Observer Crossing et al.

Date 23 Jan 67 Time ^{SR}0546 to ^{SS}0700

Weather Wind ca. 30 K.

Miles 10

Hours $1 - 14 = 1.2$

SPECIES	NUMBERS	REMARKS
Laysan Albatross		Grid bird SR -0700
Black-footed Albatross		ST 2
Wedge-tailed Shearwater		RTTB 1
Sooty Shearwater		
Slender-billed Shearwater		
Christmas Island Shearwater		
Newell's Shearwater		
Juan Fernandez Petrel		FLOCKS.
White-necked Petrel		
Kermadec Petrel		1404 92 ST 85
Phoenix Island Petrel		Fp 6 SF
Mottled Petrel		BFB 1
Bonin Island Petrel		
Black-winged Petrel		1700 21 ST 20 Feeding
Bulwer's Petrel		Fp 1
Leach's Storm Petrel		
Red-tailed Tropicbird	2	
White-tailed Tropicbird		
Blue-faced Booby	2	
Brown Booby		
Red-footed Booby		
Great Frigatebird 50.	7	
Lesser Frigatebird		
Golden Plover		
Ruddy Turnstone		
Sooty Tern	114	
Gray-backed Tern		
Common Noddy Tern		Tern = 115
Fairy Tern		Tropicbird = 2
Pomarine Jaeger		Booby = 2
bird	1	Frigate = 7
Blue-grey Noddy	1	Misc = 1
		Total Birds 127
		Total Sightings
		Total Flocks 2(113)
		Total Species 5

Past Canton

Location

→ Enderbury Island.

Observer Crossin et. al.

Date 24 Jan 1966 Time 05⁵⁰ to 16⁰⁰ E.T.

Weather windy.

Miles

Hours 10-25 (10.4)

SPECIES	NUMBERS	REMARKS
Laysan Albatross		
Black-footed Albatross		
Wedge-tailed Shearwater	2	dark phase.
Sooty Shearwater		
Slender-billed Shearwater		
Christmas Island Shearwater		FLOCKS
Newell's Shearwater		1100 11 ST TF
Juan Fernandez Petrel		1106 108 ST 100 Feeding
White-necked Petrel		F 8
Kermadec Petrel		1114 37 CN 30
Phoenix Island Petrel		ST 6 Feeding
Mottled Petrel		F 8 1
Bonin Island Petrel		1246 8 CN TF
Black-winged Petrel		1530 38 ST 25
Bulwer's Petrel		BFB 11 TF
Leach's Storm Petrel	1	F 8 2
Red-tailed Tropicbird	1	1540 13 BFB TF
White-tailed Tropicbird		1550
Blue-faced Booby	51	
Brown Booby	1	
Red-footed Booby	1	
Great Frigatebird	1	
Lesser Frigatebird	1	
Golden Plover		
Ruddy Turnstone		
Sooty Tern	201	large flocks of ad's near Canton.
Gray-backed Tern	3	
Common Noddy Tern	41 37	
Fairy Tern	3	
Pomarine Jaeger		storm Pet = 1
shear Pet	1	shear Pet = 3
Frigate sp.	12	Tern = 248
		Tropicbird = 1
		Booby = 53
		Frigate = 14
		Total Birds 320
		Total Sightings
		Total Flocks 5 (202)
		Total Species 12

Location Enderbury → Phoenix Island

Observer Crossin et al.

Date 26 January 1967 Time 0800 ^{EST.} to 1456 ^{P.T.}

Weather Windy

Miles

Hours 5-56 (5.9)

SPECIES	NUMBERS	REMARKS
Laysan Albatross		
Black-footed Albatross		
Wedge-tailed Shearwater	28	all dark phase
^{Nudubon's} Sooty Shearwater	2	
Slender-billed Shearwater		
Christmas Island Shearwater		
Newell's Shearwater		
Juan Fernandez Petrel		
White-necked Petrel		
Kermadec Petrel		
Phoenix Island Petrel / ^{Tahiti}	1	
Mottled Petrel		
Bonin Island Petrel		
Black-winged Petrel		
Bulwer's Petrel		
^{WR} Leach's Storm Petrel	2	
Red-tailed Tropicbird		
White-tailed Tropicbird		
Blue-faced Booby	56	
Brown Booby		
Red-footed Booby	24	
Great Frigatebird	7	
Lesser Frigatebird	1	
Golden Plover		
Ruddy Turnstone		
Sooty Tern	307	Storm Pet = 11
Gray-backed Tern	7	Shear Pet = 31
Common Noddy Tern	6	Tern = 398
Fairy Tern		Booby = 85
Pomarine Jaeger		Frigate = 10
White-throated Storm Petrel	9	
Frigate sp.	2	
Booby sp.	5	
Hawaiian Noddy	65	
Blue-gray Noddy	13	
		Total Birds 535
		Total Sightings
		Total Flocks 13 (437)
		Total Species 14

Flocks

0901	6	BFB	TF
0901	15	ST	TF
0915	50	ST 44 EN 6	Feeding
0915	65	HN	TF
0930	6	BFB	TF
0930	61	ST 35 RFB 15 BFB 6 BS 5	Feeding

1050	13	BFB 10 WT 3	TF
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1205	6	ST	TF
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1240	6	BFB 5 FS 1	SF
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1342	49	ST 42 WT 5 RFB 1 BFB 1	Feeding
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1408	45	ST 37 WT 8	TF
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1420	80	ST 60 BEN 10 WT 7 RFB 2 AS 1	TF
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1430	35	ST	TF
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1st day after 26 ~~Feb~~ Jan.

Location Hull Island —

Observer Crossin et al.

Date 2 Feb

Time ^{HH}0930 to ^{SS}1800

Weather fair, wind ca. 15 K.

Miles

Hours $8-30 = (8.5)$

SPECIES	NUMBERS	REMARKS
Laysan Albatross		
Black-footed Albatross		
Wedge-tailed Shearwater		
Sooty Shearwater		
Slender-billed Shearwater		
Christmas Island Shearwater		
Newell's Shearwater		
Juan Fernandez Petrel		
White-necked Petrel		
Kermadec Petrel		
Phoenix Island Petrel		
Mottled Petrel		
Bonin Island Petrel		
Black-winged Petrel		
Bulwer's Petrel	2	
Leach's Storm Petrel		
Red-tailed Tropicbird	1	
White-tailed Tropicbird		
Blue-faced Booby		
Brown Booby		
Red-footed Booby		
Great Frigatebird	1	
Lesser Frigatebird 80	7	
Golden Plover		
Ruddy Turnstone		
Sooty Tern	838	
Gray-backed Tern		
Haw. Common Noddy Tern	2	Shear pet = 2
Fairy Tern	3	Tern = 845
Pomarine Jaeger		Tropic bird = 1
Blue gray Noddy	2	Frigate = 8
		Total Birds 856
		Total Sightings
		Total Flocks 42(757)
		Total Species 7

FLOCKS

0930 7 ST TF
 0930 5 ST TF
 0937 5 ST TF
 0940 40 ST TF
 0940 20 ST TF
 0941 7 ST TF
 0943 8 ST TF
 0956 6 ST TF
 1003 7 ST TF
 1016 17 ST TF
 1016 7 ST TF
 1017 36 ST TF
 1028 7 ST TF
 1029 5 ST TF
 1034 9 ST TF
 1038 16 ST TF
 1040 12 ST TF
 1045 16 ST TF
 1053 7 ST TF
 1055 8 ST TF
 1056 14 ST TF
 1102 7 ST TF
 1107 9 ST SF
 1110 17 ST TF
 1113 8 ST SF
 1115 51 ST SF
 1128 30 ST29 SF

Fsp. 1

1129 7 ST TF
 1152 36 ST TF
 1154 7 ST TF
 1202 6 ST TF
 1204 111 ST110 Feeding
 Fsp 1
 1247 5 ST SF
 1253 36 ST Feeding
 1344 17 ST 14
 HN 1
 BP 1 SF
 Fsp 1

1637 15 ST Feeding
 1640 24 ST TF
 1641 6 ST TF
 1648 21 ST TF

1704 52 ST Feeding
 1712 17 ST16 SF
 6F 1
 1745 16 ST14
 HN 1 Feeding
 FT 1

Location

Observer *Crossin et al.*

Date *3 Feb 1967*

Time ^{SR}0532 to ^{SS}1805

Weather *rain all day - comp.* Miles

Hours *12-33 = (12.6)*

*overcast, mostly light drizzle
sea w/ whitecaps.*

SPECIES	NUMBERS	REMARKS
Laysan Albatross		
Black-footed Albatross		
Wedge-tailed Shearwater	3	dark phase.
Sooty Shearwater		
Slender-billed Shearwater		
Christmas Island Shearwater		
Newell's Shearwater		
Juan Fernandez Petrel		
White-necked Petrel		
Kermadec Petrel		
Phoenix Island Petrel		
Mottled Petrel		
Bonin Island Petrel		
Black-winged Petrel	1	
Bulwer's Petrel	3	
<i>WR</i> Leach's Storm Petrel	4	
Red-tailed Tropicbird		
White-tailed Tropicbird	3	
Blue-faced Booby		
Brown Booby		
Red-footed Booby		
Great Frigatebird <i>Sp.</i>	1	
Lesser Frigatebird		
Golden Plover		
Ruddy Turnstone		
Sooty Tern	110	in one flock.
Gray-backed Tern		
Common Noddy Tern		
Fairy Tern	2	
Pomarine Jaeger		
<i>Pterodroma sp.</i>	1	
		shear Pet = 8
		storm Pet = 4
		Tern = 112
		tropicbird = 3
		Frigate = 1
		Total Birds 128
		Total Sightings
		Total Flocks 1 (113)
		Total Species 8